

CONFIDENTIALNPIC/TSSG/DED-1622-69
23 May 1969

MEMORANDUM FOR: Chief, Engineering Support Division, TSSG

SUBJECT: Use of ☐ Dual Screen Measuring Projector for Testing
of Improved Rear-Projector Screen Material

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REFERENCE: (a) ESD memorandum for the record TSSG/ESD-40-69 dated
12 May 1969
(b) EPB memorandum for the record NPIC/TSSG/ESD/EPB-13-69
dated 16 May 1969

1. In reference (a), the Deputy Chief, ESD acknowledged receipt of a verbal request from ☐ DED, to review the planned use of the ☐ Projector for Testing of Improved Rear-Projector Screen Material from the standpoint of personnel hazards. Primary responsibility for this review was assigned to ESB. ESB completed the review, itemized the potential hazards and listed steps to be taken to reduce or eliminate them in reference (b).

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2. Although most of the hazards could be minimized by manufacture of appropriate simple safeguards, an element of risk remained should the personnel conducting the test (the person/s working inside the machine), look directly at the intense light emanating from the projector lens.

3. In view of this risk, and recent changes in the test procedure, a decision has been made to use a Richardson Film Viewer to be furnished by the Production Services Group. Therefore, the proposed alterations to the ☐ Projector should not be made.

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4. Use of the Richardson Film Viewer will require a simple refitting of the two holding frames previously manufactured by ESD, for which a request is made. In addition, due to the sharpness of the unfinished edges of the sample screens, a suitable holding rack (see attached sketch) will be required. It is requested that such a rack be fabricated prior to commencement of the tests on 3 June 1969.

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